



NC4FDX-TOP

4 pole female chassis connector, TRUE OUTDOOR PROTECTION (TOP)

The X-TOP series is a "heavy-duty" XLR chassis connector for outdoor use. IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range

Features & Benefits

- ✓ Heavy-duty sealed XLR connector range for harsh and demanding environment
- ✓ High impact UV-resistant materials
- ✓ IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range
- ✓ IEC 61984 certified

Technical Information

Product	
Title	NC4FDX-TOP
Connection Type	XLR
Gender	Female

Electrical

Contact resistance	$\leq 5 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	10 A
Rated voltage	50 V

Mechanical

Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	> 1000 mating cycles
Wiring	Solder contacts
Locking device	Latch lock
Mounting direction	Front mounting
Chassis shape	D

Material

Contact plating	Gold (Au) over Nickel (Ni)
Contacts	Brass
Insert	Polyamide
Locking element	Stainless steel
Gasket	TPE
Shell	Polyamide

Environmental	
Flammability acc. to UL94	V-0
Standard compliance	IEC 61076-2-103
Protection class acc. IEC 60529	IP65
Solderability acc. to	IEC 60068-2-20
Temperature range	-30 °C to +80 °C
Pollution degree acc. to IEC 60664-1	II